

Written evidence submitted by Michael Pilling (CGE0087)

1.0 ABOUT THE AUTHOR

THE AUTHOR

He is 68 and still working, The Managing Director of a **LEAN Process Improvement Consultancy** working in the UK and EU.

- He has worked in manufacturing for 50 years and in 60 companies.
- His background is factory re-design and process stream-lining.
- Savings per client circa £50,000 to £2,000,000 per project...

He drives 20,000 to 25,000 miles per year,

- On motorways, A and B roads and country lanes
- Also in and around towns and industrial estates - not built for today's bigger lorries.

During the period August 2018 – January 2019 he worked in the **Netherland's, Arnhem.**

- His project was to help in a **company turnaround** and improve their productivity
- Making **Cost Savings of circa £2,000,000** and many process improvements...

HIS JOB

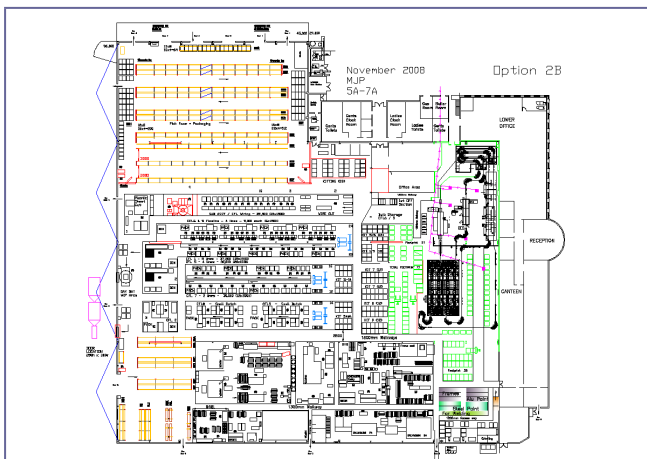
His job is to help people in business - build a better business...

- ✓ To Improve Process
- ✓ To Improve Productivity
- ✓ To Improve Companies Profits
- ✓ To Improve Companies Energy Management...

A. HIS JOB AN ILLUSTRATION

This is a new factory floor layout.

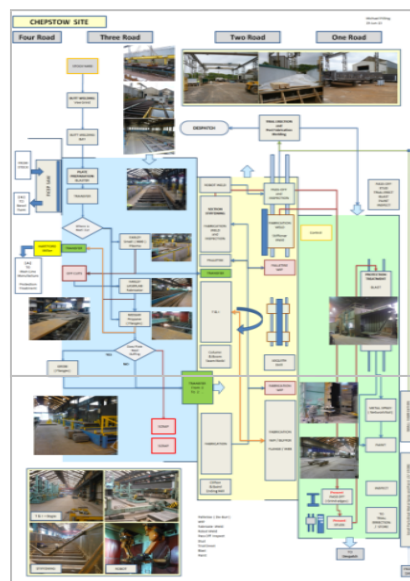
- Highlighting LEAN process flow-lines
- To improve productivity and profits...



B. HIS JOB AN ILLUSTRATION

This illustrates a typical process flow line:

- Road Bridge Manufacture
- To improve process and profits



2.0 THE PROBLEM - AIR POLLUTION

PRESENT PROBLEM - AIR POLLUTION

We can see air pollution hanging over our towns, we can even smell the air pollution.

BELOW ILLUSTRATES

1. Two pictures, from BBC TV highlighting the air quality around our schools.
2. Two pictures, **STREETS IN MANCHESTER - Spring Gardens** and **York Street**

With Double Parking on the road, the bus can't get through...

- **This road is a main thoroughfare for busses including double-deckers.**
- **This road is totally congested and air polluted...**

The trouble is, TV presenters and politicians, 'only talk about the problems'

WE DON'T TALK ABOUT THE SOLUTION or HOW TO IMPLEMENT CHANGE...

As always the solution is simple, if people would stop just talking about the problem,
And organise themselves to "JUST DO IT" - DO SOMETHING, MAKE CHANGE HAPPEN...



3.0 ARNHEM NETHERLANDS (Early Morning 7.00am)

PRESENT PROBLEM

In Britain our towns and cities are congested and now polluted.

SOLUTION - JUST AN IDEA

THESE ARE VIEWS OF STREETS IN ARNHEM the NETHERLANDS

- ✓ The centre of the Arnhem is pedestrianised
- ✓ Only deliveries, residents, disabled, cyclists and pedestrians use the streets.
- ✓ Traffic uses the “Ring road” and parking off the ring road
- ✓ People eat out in restaurant’s on the streets
- ✓ The atmosphere is so clean



4.0 CITY TRAFFIC MANAGEMENT - Manchester

PRESENT PROBLEM - CONGESTION AND POLLUTION

I spent a couple of days during April 2019 just walking around the streets of Manchester, looking at traffic movement around the city. The streets are congested and air quality is poor.

ONE WAY STREETS Congestion: Looking at the street map of Manchester.

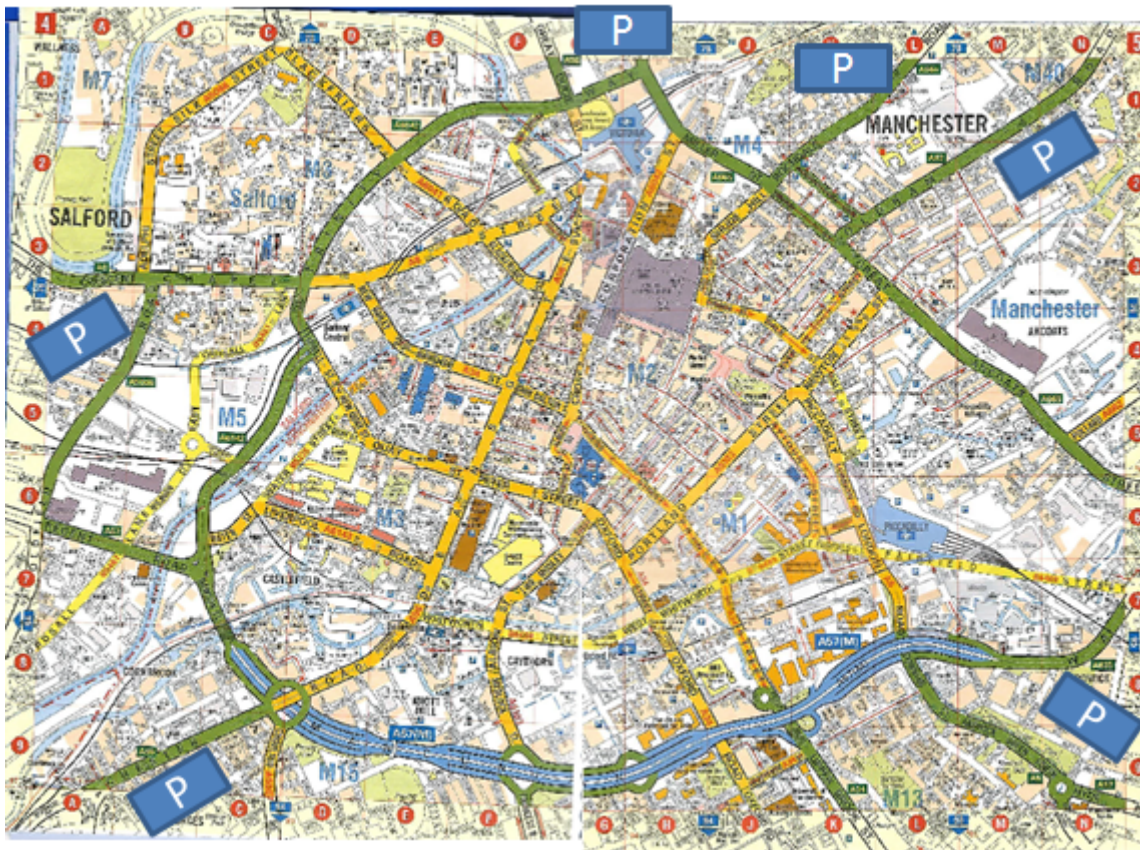
- Traffic goes one way, then another, motorists go round in circles looking for a parking space
- Drivers trying to find a short cut through the narrow streets
- Busses are stopped as they can't get through the parked cars
- Vans can't make deliveries because of inconsiderate people parking on narrow streets

SOLUTION - JUST AN IDEA: Pedestrianisation

We can reduce the traffic congestion and pollution in our cities. **thinking outside the box**

In many cities there are many small back streets and areas that do nothing...

1. We can **PEDESTRIANISE** many streets to eliminate much of the congestion and pollution
2. We can design **"Ring Road Parking Zones"** just outside the centre at £3-4 per day
 - Traffic will flow easier - Busses will get through easier
 - Delivery Vans can un-load and load easier
 - Cyclists could use them and feel safe
 - Air conditions will be cleaner



5.0 PARK AND RIDE

PRESENT PROBLEM - TRAFFIC SITUATIONS

I live 10 miles north of Manchester. In 2017 I travelled 22 miles to work in Oldham using the A580 / M60 / M62 / A6, it took 2 hours some mornings. (Average speed 12mph)

- Traffic is horrendous...
- It will only get worse in years to come...
- Pollution will increase because of stopped traffic
- New cars and SUVs are bigger and take up more room
- Traffic speed management is meaningless...

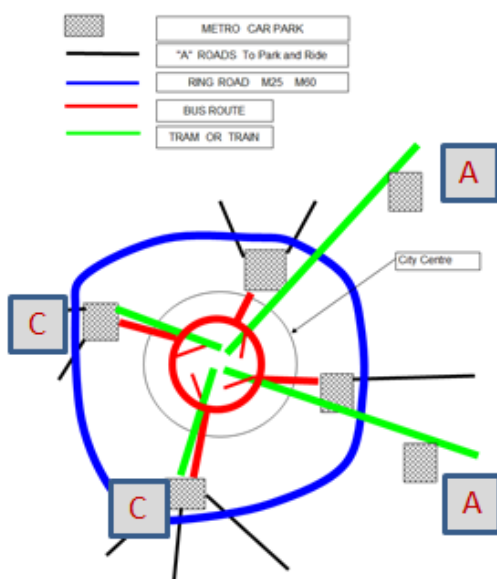
SOLUTION - JUST AN IDEA

PARK AND RIDE

We need more parking zones “Out of Town”

1. **PARK AND RIDE Out of Town “A” FREE PARKING**
2. **Parking on the “Ring Road” “C” £3 - 4 per day**
3. **Parking Areas Big Enough to hold more cars**

If we want people to go by bus we need to have a GOOD “Car Parking” infrastructure...



6.0 PARKING CHARGES - Manchester

CITY CENTRE PARKING

I was interested in the NCP parking charges. I am horrified...

I thought Manchester wanted to encourage shoppers and visitor's...

**Welcome to Spinningfield's Car Park -
"It would take 1 hour to get in and out of the car park"**

We NEED Sensible NCP parking charges:-

- Up to 4hrs £5.00
- Up to 9hrs £10.00
- Up to 24 hrs £20.00
- Evening Rate £5.00
- Sat / Sun £5.00



7.0 BUS LANES

PRESENT PROBLEM - BUS LANES and CONGESTION

Are Bus Lanes and Bus Stops positioned sensibly? - Are they "Fit For Purpose"

I drive around the roads and I see:

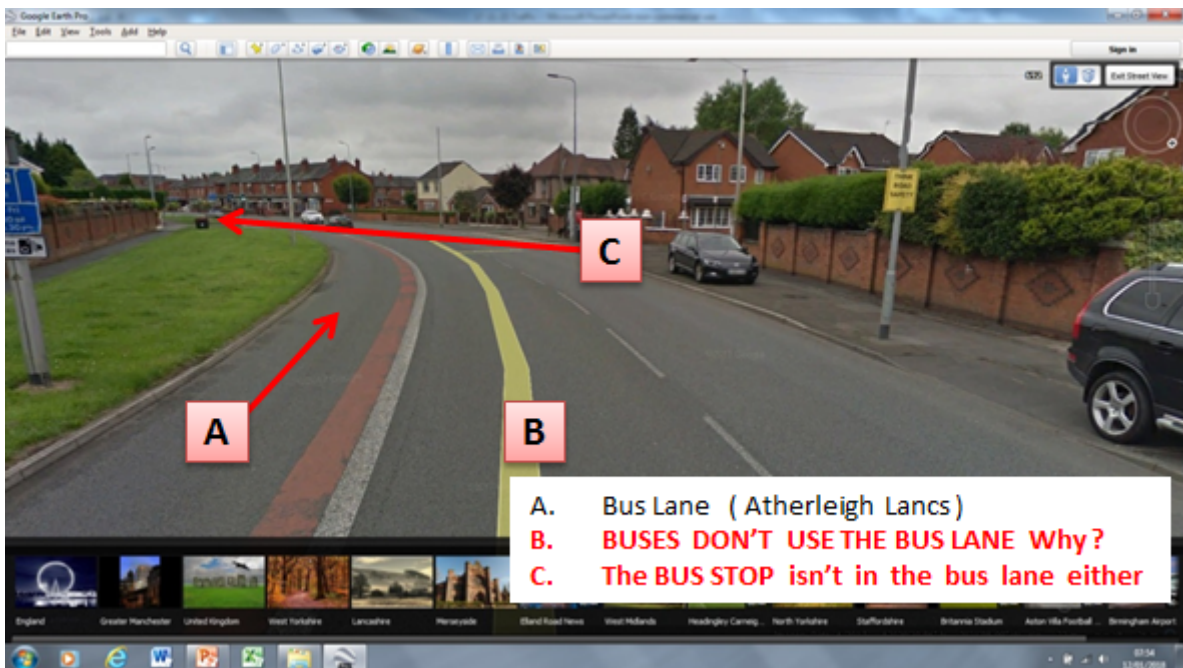
- Busses not using bus lanes
- Private taxis cannot use bus lanes
- Cars blocking the traffic because they "can't read" the bus lane road signs...

The illustration is a bus lane in Atherleigh, Gtr Manchester

- **Busses don't use the bus lane...**
- **Bus Stops are not even in the bus lane**
- At the end of the bus lane if a bus stops at a bus stop, the traffic is stopped...

SOLUTION - JUST AN IDEA

1. **BUS STOPS Should Be In The Bus Lane**
2. **BUS LANES Should be sensibly positioned (Fit For Purpose)**
3. **Buses And Any Councils Taxis Should Be Able To Use Any Bus Lane...**



8.0 JUNCTION CROSS HATCHING

PRESENT PROBLEM - CROSS HATCHING AT JUNCTIONS

Councils are over-doing “Cross Hatching”

Traffic gets stuck on the hatching because it is “too big”...

- It causes more congestion because drivers get stuck on it...
- People race across the hatching so they don't let anyone in front, then get stuck
- People just ignore the rules, because the rules don't apply to them...

SOLUTION - JUST AN IDEA

1. “Cross Hatching size” needs to be reviewed
2. Sensible areas to allow traffic to flow
3. Cost savings would be made
4. Traffic will flow better
5. Pollution will be reduced



9.0 OFF ROAD PARKING

PRESENT PROBLEM - PARKING

Because of the explosion of cars on the road, parking is increasingly difficult.

Cars are parked on the road or pavement:

- congestion is increasing
- cars are getting damaged
- wing mirrors broken off

However:

There are in many streets “bits of land” doing nothing except collecting **dog poo** and **dumped rubbish**.

SOLUTION - JUST AN IDEA

1. Build new houses with 2 car park driveways
2. Create parking areas on unused land
 - This will ease congestion
 - Landscape the area
 - Reduce dog fouling
 - Reduce rubbish dumping
 - Reduce Council Costs



10.0 CYCLING / CYCLISTS

PRESENT PROBLEM - CYCLING

Not enough area is given to cyclists.

- There are not enough cycle lanes or areas to encourage people on to cycles.
- In the Netherland's Arnhem centre has been given to pedestrians and cyclists...

In Britain we do not really encourage cycling, but also:

- Many cyclists **DO NOT** adhere to the rules of the road
- Many cyclists go through traffic lights on **RED**
- Many cyclists just drive out of side junctions without looking
- Many cyclists **DO NOT** have "LIGHTS" on their bikes and "wonder why are knocked off".
- Many cyclists expect "the motorist to stop for them" when cyclists are in the wrong...
- I've seen cyclists "texting on their phone" – NO hands on their bikes...

SOLUTION - JUST AN IDEA

1. **MORE CYCLE LANES AND AREAS SHOULD BE GIVEN TO ENCOURAGE CYCLING...**
2. **Road going cycles when sold – should be sold with 3rd party INSURANCE**
3. **Bicycle's when sold – should be sold with LIGHTS Fitted**
4. **There should be "Cycle Road Safety" lessons in Schools**



11.0 ELECTRIC or HYBRID CARS

PRESENT PROBLEM

Increasingly **BIGGER (Longer – Wider)** Cars are bought that are “Tax exempt”

There are plenty around, below you'll find the best used tax exempt cars on the market.

Renault Kadjar SUV. ...

Nissan Qashqai 1.5 dCi Acenta SUV...

Citroën Grand C4 Picasso MPV. SUV ...

Mercedes E-Class saloon. ...

BMW 3 Series saloon. ...

Jaguar XE...

My questions are:

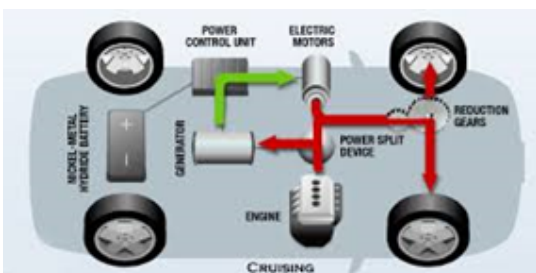
1. If more and more **BIGGER** cars and SUVs are given tax exempt status and many are -
 - **Where is the money coming from to repair the roads ?**
2. If in 2040 we go to all electric cars -
 - **What happens when they “run out of power” in a traffic jam or on the motorway ?**
 - **I personally can do a journey of over 200 miles to get to a job or client...**
3. If in 2040 we go electric -
 - **Where is ALL the electricity infrastructure going to come from ?**

Too many new cars are SUV and are **BIGGER** vehicles. -

Our roads were not built for bigger cars and SUVs. Roads will require more and more repairs...

SOLUTION - JUST AN IDEA

1. Tax SUVs sensibly and use the money to build better roads.
2. **Build more hybrid's, (Electric powered + petrol)** maybe with **solar roof panels**.
3. Build more cars with **Kinetic Energy Recovery (KERS)**
4. **Give incentives to - Build smaller family vehicles not big SUVs or even bigger Tesla's.**



12.0 IN CONCLUSION - JUST AN IDEA

IN CONCLUSION

I have walked around the city streets and driven around Manchester - it is a nightmare.

One way streets, arrows one way, then another, cars parked in narrow streets. Poor road signs.

There appears to be NO organised flow to the traffic. Cyclist are not even thought about.

- Busses have to fight with parked cars on the narrow streets...
- I remember **British Leyland's** downfall - We need to get to Bentley standards. "LEAN & CLEAN"...

SOLUTION - JUST AN IDEA

1. **SMALL STREETS PEDESTRIANISED:-** Except for deliveries, cyclists, pedestrian's, residents, disabled...
This will eliminate cars cutting through streets and reduce pollution.
 2. **BUS ROUTES FREE FROM CARS PARKED ON CITY STREETS:-** NO Parking on narrow streets... This will help the flow of busses through the city and reduce pollution.
 3. **THROUGH ROADS THAT "GO THROUGH" :-** Not roads round and round going nowhere.
 4. **CYCLE ROUTES:-** Meaningful cycle ways through the city. To somewhere...
 5. **OUT OF TOWN "PARK AND RIDE":-** Using unused grey-land for off-road parking
 6. **PARK AND RIDE CAR PARKS:-** Good sized car parks to get cars off the road - FREE Parking
 7. **JUST "OUT OF CITY PARKING":-** Not costing "an arm and a leg" Maybe £3.00 per day
 8. **ROAD SIGNS:-** need to be "clear and consistent":- Not hidden by trees
 9. **RING ROAD SIGNS:-** RING ROAD Signs need to be "SEEN & CLEAR" and mean something
 10. **OPEN AREAS LINED WITH TREES:-** To clean the atmosphere in the city...

 11. **BUS LANES** made simple **Why confuse motorists with different signs**
 12. **BUS STOPS** within the bus lane...
- ✓ **Schools With "The Street Totally - NO Parking Streets"...**

I am 68, I would like my great grandchildren to be part of something special...

NOT stuck with the old ***"we've always done it this way"*** mentality...

PLEASE, WE NEED SIMPLE OUT OF BOX THINKING...



**We don't need
FINES**

**Just
SIMPLE Signs**

May 2019